TOP FLIGHT

MEMO BOOK

MB—19 END OPEN
MB—20 SIDE OPEN

4 IN. X 6 IN. 60 SHEETS

TOP FLIGHT PAPER PRODUCTS, INC. CHATTANOOGA, TENNESSEE 37402

1-17-77 to 4-19-77

⊛ Hawks

* 1st time seen (any species)
√ subsequent sighting = species int.
△ outside rocking chair window
⊥ Hanging feeder
√ See note

Rabbit – 3 squirrels

1-17-77 Mon: 2° – 14°
Coldest day on record at Nath. airport (2°) – clear, wind NNW, 5-15 mph. Wind-chill = -40° at 7:00 A.M.

3 Robins
30-40 Eve. Grosbeaks
4-5 Juncos
15-20 White throats
5-6 House Finches
3 P. Finches 20 ↑
* 1 Red-shoulder
20+ Cardinals
4-5 Mockers
2 Red-bellies
3 Downys
√ 1 Towhee
√ 1 Whitey-Crown
√ 2-3 Bluebirds
√ 1 Gr. Horned Owl

5-6 Doves
5 Crows
6 Jays
3-4 Grackles
8-10 Starlings
15± House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
√ 3 Yellow-r. Ws.
√ 1 Thrasher
2-3 C. Waxwings
5-6 Cowbirds

1-18-77 Tues. 6°-17°
Overcast - cold; clearing early
a.m. Wind in aft., NW, 5-15 mph.
Heavy crust of glare ice
still covering snow - will
bear my weight briefly.

30-40 Eve. Grosbeaks
4-5 Juncos
~~20~~ 25 White-throats
✓ 4-5 House Finches
✓ 2 Purple Finches
3-4 C. Warblings
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
✓ 1 White-crown
2-3 Bluebirds
✓ 2 Yellow-r. Ws.
✓ 1 Towhee
(*) 1 Kestrel ✓

5-6 Doves
15 Crows one flock
6 Jays
3-4 Grackles
5-10 Starlings
10 House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
(*) 1 Red-shoulder
✓ 2-3 Robins
✓ 1 Thrasher

✓ Kestrel on wire near terrace
about 4:30 P.M. - flew away,
apparently carrying a small
bird.

1-19-77 Wed. 7°-26° NW-NW
Clear, cold, wind NNE, 5-25 mph.

25-30 Eve. Grosbeaks
4-6 Juncos ✓
20-25 White-throats
3-4 House Finches
3 Purple Finches 20↑
1 Thrasher
1 Towhee
1 White-crown
20-25 Cardinals
4-6 Mockers

6-8 Doves
5-6 Crows
6 Jays
10 Grackles
10-15 Starlings
10-15 House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees

2 Red-bellies 3 Titmice
3 Downys 4-5 Cowbirds
✓2 Yellow-r. Ws. ✓1 Robin
8-10 C. Warblers 1 Red-shoulder
✓1 Y-b. Sapsucker

✓ One Junco at 4:45 P. M. - eating rendered suet cake for several minutes - first I've seen. C. Wren also ate it for about 10 min.

1-20-77 Thurs. 16°-29°
Inauguration Day for Jimmy Carter!
Cold, clear, wind NE, 5-10 mph.

Br. Concorde coming in 7:45 A.M. — normally due 11:53 A.M.

✓1 Junco eating suet.

4-5 Juncos ✓ 5-6 Doves
15-25 White-throats 6 Crows
3-4 House Finches 6 Jays
2 Purple Finches 5-6 Grackles
30-40 Evg. Grosbeaks 10-12 Starlings
20-25 Cardinals 10-15 House Sps.
4-6 Mockers 2 Song "
2 Red-bellies 2 C. Wrens
3 Downys 3-4 Goldfinches
1 Towhee 3 Chickadees
1 Thrasher 3 Titmice
3-4 Robins 2 Red-wings
3-4 Yellow-r. Ws. ✓ 2 Nuthatches in whitbark

1-21-77 Fri.
Partly cloudy - wind N, 5-20 mph.
Glare ice now bears my weight - at 155 lbs.! Great day - something - but cold wind stopped that -

10-15 Eve. Grosbeaks
4-5 Juncos ✓
20+ White-throats
2-3 House Finches
3 Robins
5 C. Waxwings
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
✓ 1 Thrasher
2 Yellow-r. Ws. ⊛
✓ 1 Tow hee ♀
2 Purple Finch ♂♀
~~1 Red-shoulder~~

4-5 Doves
4-5 Crows
6 Jays
12 Grackles
20+ Starlings
10-15 House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
1 Red-shoulder 2X
1 white-crown
1 T V 3X
1 Cowbird ♀

1-22-77 Sat. 18°-26°
Overcast; fine snow began
7:20 A.M. Wind NE, 10-40 mph.

15-20 Eve. Grosbeaks
4-6 Juncos
20-30 White-throats
~~3~~ 2 White-crowns 3 ♂ 1 ♀
✓ 3 House Finches
✓ 1 Thrasher
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
✓ 1 Canada Goose
1 Pil. Woodpecker ♂
3 Purple Finches 2♂ 1♀ ⊛
6 C. Waxwings

5-6 Doves
4-5 Crows
6 Jays
✓ 15 Grackles
20 Starlings
12-15 House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
✓ 1 Tow hee ♂
1 Kestrel 1♂
✓ 100-150 R-b. Gulls
✓ 10 Red-wings

✓ 3 White-crowns here all day.
2 Kestrel again flew from near house, apparently carrying a small bird.

1-23-77 Sun. 13°-28°
Cloudless, cold, wind NE, 5-15 mph. High thin clouds about 9:30 A.M. Some thawing - then over-cast and chilly in late aft.

✓ Shot at 4:05

20-30 Eve. Grackles Δ 4-6 Doves Δ
4-6 Juncos Δ 3 8 Crows
20-30 White-throats Δ 5-6 Jays Δ
✓ 5 White-crowns Δ ✓ 2-3 (5) 8-10 Grackles 10
✓ 1 Hawk sp. Δ 20 Starlings 24
✓ 1 Towhee Δ 10-15 House Sps.
✓ 2-3 House Finches Δ 2 Song" Δ
✓ 3 Purple Finches 2♂1♀ Δ 2 C. Wrens Δ
✱ 1 Red-shoulder 2x 4 Goldfinches Δ
20-25 Cardinals Δ 3 Chickadees Δ
4-6 Mockers Δ 3 Titmice Δ
2 Red-bellies Δ 2-3 Robins
3 Downys Δ 5 Ce. Waxwings
✓ 3-4 Yellow-r. Ws. ✓ 2-3 Red-wings
✱ 1 Kestrel 5:03 P.M. ✓ 1 Cowbird Δ

✓ 5 E. Grosbeaks in tree over feeder at 4:05 P.M. - one overhead at 4:35 P.M.
✓ 5 White-crowns here (one imm.) - 2-3 singing allday - first songs from them.
32 Juncos at rendered suet. Put out new cake, with nuts.

1-24-77 Mon. 21°-33°
Overcast; light snow began 7:00 A.M. - light, slippery drifting - ending 8:00 A.M. Wind 3-5 NE, 15-25 mph in aft.; light snow began 3:10 P.M.

20-30 Eve. Grosbeaks ✓ 4-5 Doves ✓
4-6 Juncos 4-5 Crows
20-30 White-throats 6 Jays
4-5 White-crowns 3 Grackles
4 House Finches 3♂1♀ 20 Starlings
4 Purple Finches 3♂1♀ 10-15 House Sps.

9 squirrels!

⊛ 1 Red-shoulder 2X
✓ 1 Thrasher
✓ 1 Towhee
✓ 16 Robins
✓ 3 Yellow-r. Ws.
1 Red-wing
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
2 Long Eps.
2 C. Wrens
5-6 Goldfinches
3 Chickadees
3 Titmice
20 Cowbirds
3-5 C. Waxwings

✓ Eve. Grosbeak (4) eating suet 2-3X.
✓ Dove singing briefly - first time.

1-25-77 Incr. 27°-39° overcast - about 1" snow last night.

35-40 Eve. Grosbeaks
4-5 Juncos
20-30 White-throats (5)
4-5 White-crowns (5)
✓ 1 Towhee
✓ 1 Thrasher
5 C. Waxwings
4-6 House Finches (5)
5 Purple Finches 3♂ 2♀ (5)
20-30 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
5 Robins
⊛ 1 Red-tail (ad)
1 Nuthatch (5)

5-6 Doves
8 Crows
5-6 Jays
3-4 Grackles
20 Starlings
10-15 House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
⊛ 1 Red-shoulder Ch
✓ 3-4 Yellow-r. Ws.
6 Cowbirds
✓ 3 Herring Gulls

Lucy Johnston has 9 Bobwhites

1-26-77 Wed. 21°-36°
Partly cloudy to mid-day, then scattered clouds; wind W to WSW, 10-25 mph. Good thawing.

Away 8:50 A.M. – 1:45 P.M. (Car)

✓ 15-25 Evc. Grosbeaks
4 Juncos
20-25 White-throats (s)
✓ 5 White-crowns (s)
4-5 House Finches
3-4 Purple Finches
✓ 1 Thrasher
(✱) 1 Red-shoulder
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1 Pil. Woodpecker
✓ 1 Towhee
5-6 Doves
6-8 Crows
5-6 Jays
100 Grackles
1 Red-wing
15-20 Starlings
10-15 House Spo.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
6-10 C. Waxwings

1-27-77 Thurs. 28°-39°
Few very high, thin clouds. Clouds increasing by mid-morning – Wind W to SW, 5-15 mph.

10-15 Evc. Grosbeaks
5 Juncos
20-25 White-throats (s)
5 House Finches (s)
4 Purple Finches (s)
✓ 5 White-crowns (s)
✓ 1 Thrasher
✓ 1 Towhee
(✱) 1 Red-shoulder
✓ 2 Yellow-r. Ws.
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1 Pil. Woodpecker
5-6 Doves (s)
6 Crows
5-6 Jays
3 Grackles
20 Starlings
8-12 House Spo.
2 Song " (s)
2 C. Wrens (s)
4-5 Goldfinches
3 Chickadees (s)
3 Titmice (s)
✓ 1 Nuthatch (2x) A
(✱) 1 Sharpskin (2) A
2-3 C. Waxwings
1 TV (2x)

✓ Claire heard two birds crash against triangle window. We looked out and saw Sharpshin (♂) on snow near house, with male Eve. Grosbeak in his talons — flew toward Hampshire's when I went out.

1-28-77 Fri. 19°-45°
Overcast — then good sunshine, wind SW-S-SE, 15-40 mph. until 5:20, when big cold front hit — sudden change to N — massive storm front moving across —

15-25 Eve. Grosbeaks	5-6 Doves
4-6 Juncos	6-8 Crows
20-25 White-throats	6 Jays
✓ 5 White-crowns	200 Grackles
✓ 3-4 House Finches	20-25 Starlings
✓ 3 Purple Finches	2 ♀ 2 ♂ 8-12 House Sps.

1 Red-shoulder	2 Song Sps.
2-3 C. Waxwings	2 C. Wrens
20-25 Cardinals	4-5 Goldfinches
4-6 Mockers	3 Chickadees
2 Red-bellies	3 Titmice
3 Downys (3 ♂)	2 Yellow-r. Ws.
	1 TV 3 *

up to 47° at Dulles at 3:00 P.M. — warmest since 12/28/76. Temp. dropping rapidly about 5:20 as front hit. In Western Md., temp. dropped 37° in 1½ hrs.
Snow began 6:00 P.M. — light, but driven by winds of 40-50 mph. Snow until about 8:30 — no accumul.

✓ Weasel (?) from terrace in evening — (cc) — very likely.

1-29-77 Sat. 3° — 24°
Cloudless, very cold,
calm; wind beg. mid-morning,
NW, 10-25 mph., shifting to W
in afternoon —

12-15 Eve. Grosbeaks 2 at 3:45 P.M.
4-5 Juncos
20-30 White-throats
5 White-crowns (s)
3-4 House Finches (s)
3 Purple Finches (s)
4 Robins
2-3 C. Waxwings
✓ 1 Thrasher
✓ 1 Towhee
20-25 Cardinals (s)
4-6 Mockers
2 Red-bellies
3 Downys
6-8 Doves
6 Crows
5-6 Jays
2-3 Grackles
10 Starlings
8-10 House Spx
2 Song Spx.
2 C. Wrens
4 Goldfinches
3 Chickadees (s)
3 Titmice (s)
1 Nuthatch (s)
3 Cowbirds 5
1 Red-wing
3 Yellow-r. Ws.

Rabbit eating intermediate scratch
feed at Pfitzer.

1-30-77 Sun. 9°-29°
Cloudless, very cold, wind
WNW, 10-20 mph; quite cloudy
mid-day, then clearing again.

2 Robins
4 Juncos
25-30 White-throats (s)
5 White-crowns (s)
12-15 Eve. Grosbeaks
5 C. Waxwings
1 Towhee
1 Thrasher
2-3 Yellow-r. Ws.
8-10 Doves (s)
6 Crows
5-6 Jays
1-2 Grackles
20-25 Starlings
10-12 House Spx.
2 Song " (s)
2 C. Wrens
4 Goldfinches

8 squirrels
1 Rabbit

20-25 Cardinals (s)
4-6 Mockers
2 Red-bellies (s)
3 Downys
3 House Finches
4 Purple Finches 30 ↑

3 Chickadees (s)
3 Titmice (s)
1 TV
1 Red-shoulder
1 Field Sp. Δ
1 Nuthatch

1-31-77 Mon. 11°-31°
Sue's Birthday!
Cloudless, cold, wind N/NW
2-25 mph., some thawing, but
chilly wind in afternoon.

12-15 Eve. Grosbeaks
4 Juncos
25-30 White-throats
5 White-crowns
1 Towhee
1 Thrasher

8-10 Doves 30 Δ
6 Crows
6 Jays 6 Δ
1-2 Grackles
20 Starlings
8-10 House Sps.

5" 2 snow in Dallas, Tex.
" in Mobile & New Orleans
6" 2 " in Shreveport, La.

3-4 House Finches
3-4 Purple Finches
1 Red-shoulder
2-3 C. Waxwings
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys

2 Long Sps.
2 C. Doves
4 Goldfinches
3 Chickadees
3 Titmice
1 Pil. Woodpecker
2 Yellow-r. Ws.

Coldest January in
37 years —

2-1-77 Tues. 16°-33°
Clear, cold,

15-20 Eve. Grosbeaks
4 Juncos
20-25 White-throats
✓ 5 White-crowns
(X) 1 Red-shoulder
1 Towhee
1 Thrasher
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1 Pil. Woodpecker
✓ 1 Yellow-s. W

6-8 Doves
5-6 Crows
6 Jays
1-2 Grackles
10-20 Starlings
8-12 House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
✓ 2 Robins
1 TV

2-2-77 Wed. 18°-34°
Clear, cold, only light breezes. Glorious day, virtually cloudless all day - quite a bit of thawing.

12-15 Eve. Grosbeaks △
4-5 Juncos △
25-30 White-throats △ (S)
✓ 5 White-crowns △ (S)
✓ 2-3 House Finches (S) △
✓ 3-4 Purple Finches (S) △
✓ 1 Towhee △
✓ 1 Thrasher △
20-25 Cardinals △
4-6 Mockers △
2 Red-bellies △
3 Downys △
✓ ✓ 1 Yellow-s. W. △

8-10 Doves (S) △
6 Crows
6 Jays △
~~Grackles~~
50 Starlings △
10-15 House Sps. △
2 Song " (S) △
2 C. Wrens (S) △
4 Goldfinches △
3 Chickadees (S) △
3 Titmice (S) △
✓ 1 Field Sp. △ 2×
1 TV

✓ Catching insects on kitchen window & bed-room window

2-3-77 Thurs. 21°-47°
Overcast, milder; sunny mid-part of day; then heavy overcast beg. 3:00 P.M. - wind SW, 5-15 mph.

Full Moon!

20-25 Eve. Grosbeaks
4 Juncos
20-25 White-throats
5 White-crowns
3-4 House Finches
4 Purple Finches
9 C. Waxwings
(*) 1 Red-shoulder
✓ 1 Towhee
✓ 1 Thrasher
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1 Pil. Woodpecker

8-12 Doves
14 Crows
6 Jays
30-40 Starlings
10-12 House Spr.
2 Song "
✓ 3 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
✓ 3-4 Yellow-r. Ws.
1 TV
(*) ✓ 1 Kestrel
12 Robins
✓ 1 Red-wing

✓ 2 C. Wrens singing during day - then pair together at Claire's suet cakes, several times

* Opossum in back yard near Rachel's terrace, 4:30 - 4:50 - then to woods. Came back soon - to second terrace - dropped a piece and a half and head near him, which "he" ate happily - he's about 1/3 grown. At 7:35 P.M., opossum walked across roof, W-E, & back - rhythm of steps quite distinct. 2-3 more times in night.

2-4-77 Fri.
Cloudy, mild, occ. sunlight mid-day, then heavy overcast; wind SW, 5-10 mph.

20-25 Eve. Grosbeaks
10-15 Juncos
20-30 White-throats (5)

8-12 Doves (5)
8 Crows
6 Jays

5 White-crowns (S) 20+ Starlings
1 Towhee 10-12 House Sps.
1 Thrasher 2 Song " (S)
1-2 House Finches 3 C. Wrens 2 (S)
✓ 5 Purple Finches (S) 3♂ 2♀ 4 Goldfinches
20-30 Cardinals (S) 3 Chickadees (S)
4-6 Mockers 3 Titmice (S)
1 Pil. Woodpecker 12-15 C. Waxwings
2 Red-bellies 3 Yellow-r. Ws.
3 Downys ✓ (*) 1 Sharpshin
✓ 1 Robin 1 TV
* 12 Bobwhite (*) 1 Red-shoulder
✓ 1 Bluebird

2-5-77 Sat. 15°-38°
Overcast (42° at Natl. Airport at 7:00 A.M.) - wind NE-N-NW, 20-50 mph. Driving snow beg. 3:45 P.M.

✓ 100 Eve. Grosbeaks 50 Δ + 50 8-12 Doves
10-20 Juncos 10-12 Crows
25-35 White-throats ✓ 2 Fish Crows
5 White-crowns 6 Jays
1-2 House Finches 50 Starlings
✓ 6 Purple Finches 3♂ 3♀ Δ 8-10 House Sps.
1 Towhee 2 Song "
1 Thrasher 3 C. Wrens (2 S)
✓ 16 C. Waxwings 4 Goldfinches
25-35 Cardinals 3 Chickadees
4-6 Mockers 3 Titmice
2 Red-bellies 2 TVs
3 Downys

2-6-77 Sun. 10°-25°
Cloudless, all day, very cold, wind NW, 10-30 mph - really bitter cold, but a glorious day.

20-30 Eve. Grosbeaks
6-10 Juncos
25-30 White-throats
5 White-crowns
1-2 House Finches
4 Purple Finches 25 24
2 Yellow-r. Ws.
25-30 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1 Towhee
1 Thrasher

6-10 Doves
8 Crows
1 Red-wing ♀
20-25 Starlings
10-12 House Sps.
2 Song "
3 C. Wrens (25)
4-6 Goldfinches
3 Chickadees
3 Titmice
(*) 1 Red-shoulder
1 TV
2-3 C. Waxwings
✓ #(?) Bobwhites
6 Jays

2-7-77 Mon. 10°-29°
Cloudless, cold, wind NW, 5-30 mph.; until about 5:00 P.M. — Glorious day - but wind-chill factor was brutal!!

15-25 Eve. Grosbeaks
8-10 Juncos
25-35 White-throats
5 White-crowns
2 House Finches
5-6 Purple Finches 4♂
1 Towhee
1 Thrasher
25-35 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
✓ 8 C. Waxwings

6-10 Doves
8-10 Crows
6 Jays
25-30 Starlings
10-15 House Sps.
2 Song "
3 C. Wrens
4-6 Goldfinches
3 Chickadees
3 Titmice
✓ 1 Field Sp. 3x Δ
1 TV

2-8-77 Tues. 10° — 35°
Cloudless, wind in A.M., 5-15 mph. — then a glorious day.

7:10
4:30

20-30 Eve. Grosbeaks Δ
8-12 Juncos Δ
25-30 White-throats (5) Δ
5 White-crowns (5)
2 House Finches (8) Δ
5-6 Purple Finches Δ
25-30 Cardinals Δ (5)
4-6 Mockers Δ
1 Pil. Woodpecker 4X
2 Red-bellies Δ
3-4 Downys Δ
(*) 1 Red-shoulder 2X
3-4 Yellow-r. Ws. ✓1

8-10 Doves Δ ✓
6-8 Crows
6 Jays Δ
20-30 Starlings (3) Δ
10-12 House Spa. Δ
2 Song " (5) 2Δ
3 C. Wrens (5) Δ
4-5 Goldfinches Δ
3 Chickadees (5) Δ
3 Titmice (5) Δ
4 Cowbirds 17 Δ
1 Towhee Δ
1 Thrasher Δ
1 Nuthatch (5)

✓ Doves in first courtship flights.

2-9-77 Wed. 9° — 44°
Cloudless, cold to mid-morning; scattered small clouds mid-A.M. on; wind S, 5-10 mph.

20-25 Eve. Grosbeaks
6-8 Juncos
25-30 White-throats (3)
5 White-crowns (5)
2-3 House Finches (5)
3-5 Purple Finches
1 Towhee
1 Thrasher
25-30 Cardinals (5)
4-6 Mockers
2 Red-bellies ✓2-3
3-4 Downys 1-28 2Σ
(*) 1 Red-tail (ad)
1 Sharpshin

8-10 Doves (5)
8 Crows
6 Jays
25-30 Starlings
10-12 House Sps.
2 Song " (5)
3 C. Wrens (5)
4 Goldfinches
3 Chickadees (5)
3 Titmice (5)
Yellow-r. Ws.
✓2 Barred Owls
1 TV

2-10-77 Thurs. 24°-57°
Clear, mild, warm in P.M. — very light SE breeze. ~~Lt~~ In aft. — up to 20 mph (E)

25-30 Eve. Grosbeaks
8-10 Juncos
25-30 White-throats
5 White-crowns
1-2 Bluebirds
1 Towhee
1 Thrasher
3 Yellow-r. Ws.
1 Robin
25-30 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
2-3 House Finches
5-6 Purple Finches

8-10 Doves
8-10 Crows
6 Jays
200 Grackles
25 Starlings
8-10 House Sps.
2 Song"
3 C. Wrens
4 Goldfinches
4-5 Chickadees
3 Titmice
Yellow-r. Ws
1 Hairy Woodpecker ♀

√ about 200 Grackles flying E-W over Fairfax Circle, later
1 in △ 3-4x.

2-11-77 Fri. 27°-64°
Chilly in a.m., clear, then warm; glorious; SW breeze, 2-10 mph.

15-20 Eve. Grosbeaks
8-10 Juncos (15)
25-30 White-throats
5 White-crowns
2-3 House Finches
3-4 Purple Finches
1 Towhee
1 Thrasher
2 Red-shoulders
25-30 Cardinals
4-6 Mockers
1 Pil. Woodpecker
2 Red-bellies
3 Downys
3-4 C. Waxwings

8-12 Doves
10 Crows
6 Jays
3-4 Grackles
25-30 Starlings
8-12 House Sps.
2 Song"
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
* 1 Meadowlark (S)
√ 1 Bluebird (S)
2 Yellow-r. Ws.
1 Phoebe

fairly large opossum on drive about 5:15 P.M.

1 Nuthatch
1 Robin
1-2 TVs
✓ 1 Hairy Woodpecker

snow virtually gone (except for shaded areas), for first time since January 5!!
Actually, back to the light snow of Dec. 25 — ground said to be frozen 2 feet deep!!!!

2-12-77 Sat 28°-55°
scattered high, wispy clouds to about 8:30, then overcast. Light shower 11:53 A.M., then intermittent lt. showers began 3:00 P.M. Wind WSW, 5-25 mph, very variable.

20-25 Eve. Grosbeaks
8-12 Juncos
25-30 White-throats (s)
5 White-crowns (s)
✓ 1 Towhee
✓ 1 Thrasher
3-4 C. Waxwings
✓ 1 Red-shoulder
20-25 Cardinals (s)
4-6 Mockers
1 R'd. Woodpecker
2 Red-bellies
3 Downys
✓ 9 ♂ Robins (5-N) 8+1
✓ 1 Herring Gull
✓ 2-3 House Finches

8-10 Doves (s)
10-11 Crows
6 Jays
200+ Grackles
20-30 Red-wings
50+ Starlings
8-12 House Spr.
2 Song Spr. (s)
3 C. Wrens (s)
4 Goldfinches
3 Chickadees (s)
3 Titmice (s)
✓ 2-3 Yellow-r. Ws.
✓ 1 Nuthatch
1 TV
7 Purple Finches 3♂ 4♂ 1♀

2-13-77 Sun. 34°-52°
Cloudy, wind WNW, 10-30 mph

20-25 Evg. Grosbeaks
8-10 Juncos
25-30 White-throats
5 White-crowns
2-3 House Finches
4-7 Purple Finches
1 Towhee
1 Thrasher
25-30 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
✓ 3 Yellow-r. Ws.
⊛ 1 Red-shoulder
1 Robin
✳ 12 Black Vultures 4:45 PM EDT

8-10 Doves
10-12 Crows
6 Jays
3-4 Grackles
40 Starlings
10-15 House Sps.
2 Song "
2 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
20 Red-wings
1 Pil. Woodpecker
✳ 1 Killdeer (2X) WSW-N
✓ 48+1 TVs
2 Fish Crows

✓ 1 Fish Crow over St. Mary's Church; 1 here at home later.
2 at 4:45 P.M. (EDT) 60 Vultures

came streaming out of WSW, circling, heading N; I suddenly realized 12 were Blacks, in a fairly compact group within flock — TVs circled over our land, then slowly drifted back WSW; 12 Blacks soared (no wing-beats) to great altitude, then continued north.

2-14-77 Mon. 25°-47°
St. Valentine's Day.
Scattered high clouds;
wind NE, 5-15 m.p.h.

75-90 Eve. Grosbeaks V
8-12 Juncos
25-30 White-throats
5 White-crowns
2-3 House Finches
4-6 Purple Finches
1 Towhee
~~Thrasher~~
25-35 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1-2 Bluebirds
1 Sharpshin ♂ V
* 1 Flicker V3
V 35 E. Gs. flying SW-NE early, later 15-20 in one flock, SW-NE
V 2 Sharpshin + another bird (dove?) crashed into kitchen window by pyracantha — Sharpshin flew away
8-10 Doves
8-10 Crows
6 Jays
5-6 Grackles
20-30 Starlings
10-15 House Sps.
2 Song "
3 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice (2 V)
1 Red-shoulder
1 Robin
1 Yellow-r. w.

"empty-handed".
V 7 Flicker over Colchester Rd., nr. Newman

2-15-77 Tues. 27°-39°
Partly cloudy, brief sprinkle about 3:15 P.M. Wind NW, N, NE 10-35 mph. Officially the coldest January in U.S. History!!

20-30 Eve. Grosbeaks
6-10 Juncos
25-30 White-throats
5 White-crowns
1-2 House Finches
6 Purple Finches 40 V 7
1 Towhee
2 Robins
20-25 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
6-10 Doves
8-10 Crows
6 Jays
3-4 Grackles
25 Starlings
8-12 House Sps.
2 Song "
3 C. Wrens
4 Goldfinches
4 Chickadees
3 Titmice
1-2 C. Warblers

Towhee (*) 2 Red-shoulders
✓ 2 Barred Owls (c) 10 # TVs (6-N)
1 Yellow-r. W.

✓ 2 Barred Owls calling in Vazquez' woods — one voice noticeably deeper than other.

2-16-77 Wed. 18°-31°
Mostly clear, cold, wind NNE, A, NW 10-20 mph, all day — beautiful day, but chilly — and dry!

30-35 Eve. Grosbeaks Δ
8-10 Juncos Δ
25-35 White-throats (S) Δ
5 White-crowns (S) Δ
1-2 House Finches (S) 4
8 Purple Finches (S) 40 Δ
25-30 Cardinals (S) Δ
8-10 Doves (S) 3 Δ
10-12 Crows
6 Jays Δ
1-2 Grackles
20 Starlings Δ
8-10 House Sp. Δ
2 Song Sp. (S) Δ

4-6 Flickers
2 Red-bellies Δ
2 Downys Δ
1-2 Bluebirds
1 Yellow-r. W.,
1 Red-shoulder
3 C. Wrens (2S) Δ
4 Goldfinches Δ
3 Chickadees (S) Δ
3 Titmice (S) Δ
1 Nuthatch 3X
2 TVs

* No Towhee - first time; no Thrasher since Sunday.

2-17-77 Thurs. 14°-29°
Jessie's Birthday!
Cloudless, cold, wind NW, 10-20 mph.

30-35 Eve. Grosbeaks
8-10 Juncos
25-35 White-throats
5 White-crowns
1-2 House Finches
6-8 Purple Finches
✓ 1 Towhee
✓ 1 Thrasher
25-35 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
60-75 ~~2~~ Robins SE-NW ✓
✓ 2 Yellow-r. Ws.

8-12 Doves
12-15 Crows
6 Jays
3-4 Grackles
35-40 Red-wings
25-30 Starlings
8-10 House Sps.
2 Song Sps.
3 C. Wrens (25)
4 Goldfinches
✓ 4 Chickadees
3 Titmice
1 Nuthatch
2 TVs

✓ 60 Robins in one strung-out flock (SE-NW) in A.M. — then about 15 in late aft., in 2's & 3's.

2-8-77 Fri. 13°-35°
In Outer Banks, N.C. today — Clear, cold, wind NW, 10-15 mph

Eve. Grosbeaks
Juncos
White-throats
White-crowns
Towhee
Thrasher
Robins
Cardinals
Mockers
Red-bellies
Downys
2 Red-shoulders
House Finches
Purple Finches

Doves
Crows
Jays
Grackles
Starlings
House Sps.
Song "
C. Wrens
Goldfinches
Chickadees
Titmice
Bluebirds

~~2-4-77 Sat.~~

2-19-77 Sat. 28°-42°
Great day on Outer Banks

2-20-77 Sun. 32°-38°
Home! 4:35 P.M. (EDT)
Partly cloudy - wind 10-25 mph (N.W.)

Juncos	Doves
White-throaths	Crows
Robins	Grackles
Cardinals	Starlings
Mockers	House Sps
House Finches	Song Sps
Red-bellies	C. Wrens
Downys	Goldfinches
	Chickadees
	Titmice

No Thrasher

2-21-77 Mon. 23°-35°
Few scattered clouds, cold, wind NNE to WSW, 10-30 mph.

Sun rises 6:52 AM - sets 5:52 PM.

25-30 Eve. Grosbeaks	8-10 Doves
8-12 Juncos	8 Crows
25-30 White-throats	6 Jays
5 White-crowns	1 Grackle
1-2 House Finches	20 Red-wings
4-6 Purple Finches	20-25 Starlings
5-6 Robins	6-10 House Sps.
20-25 Cardinals	2 Song "
4-6 Mockers	3 C. Wrens
2 Red-bellies	4 Goldfinches
3 Downys	3 Chickadees
✓2 Ring-b. Gulls	3 Titmice
Yellow-r. W's. ⊛	1 Red-shoulder
1 Towhee	1 TV
1 Great Horned Owl (c)	

No Thrasher

26 sp.

2-22-77 Tues.
Cloudy early, clearing mid-morning; wind SW, 15-30 mph.
Florida's day - daffodils up!

25-35 Eve. Grosbeaks
10-15 Juncos
25-35 White-throats
5 White-crowns
2 House Finches ♂♀
5 Purple Finches 4♂ 1♀
2-3 Robins
~~40-50~~ ~~20-30~~ Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1 Towhee
1 Pil. Woodpecker

8-12 Doves (6A)
6 Crows
25-35 Jays (6A)
1 Grackle
20 Starlings
6-10 House Sps.
2 Song "
3 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
2 TVs
500-600 Ring-b. Gulls

No Thrasher

2-23-77 Wed. 36°-72°
Few high, wispy clouds, mild; wind S/SSE, 10-30 mph.
Wonderful day!

20-25 Eve. Grosbeaks
8-12 Juncos (S)
25-40 White-throats (S)
5 White-crowns (S)
1-2 House Finches
3-4 Purple Finches (S)
2-30. Waxwings
1-2 Robins
25-30 Cardinals (S)
4-6 Mockers
2 Pil. Woodpeckers (S)
2 Red-bellies
3 Downys
1 Bluebird (S)
1 Sharpshin ♀ 2-3
10-15 Doves (S)
6-10 Crows
6 Jays
500 Grackles 1♂ S-N
20-30 Starlings
6-10 House Sps.
2 Song " (S)
3 C. Wrens (S)
4 Goldfinches
3 Chickadees (S)
3 Titmice (S)
2 Red-shoulders 2♂
1 Towhee
1-2 TVs
Cowbirds (S)

1 Red-tailed).

✓ 500 or 600 Grackles (2 flocks) - flying N, fairly high - early A.M.

✓ Large Sharpshin (♀) circling N; a few minutes later re-appeared, casually harrying an ad. Red-tail circling over head.

✓ Red-shoulders in active courtship.

2-24-77 Thurs; Overcast, wind E, ESE, S, SW 5-30 mph. Very variable, good rain about 1:30 — thunder at 3:20 P.M. Rain ended about 4:00 P.M. = 0.58"

✓ 1 Killdeer
20-25 Gr. Grackles Δ
8-12 Juncos Δ
20-25 White-throats Δ
5 White-crowns Δ
2 House Finches Δ
3-4 Purple Finches Δ
5-6 Robins
25-30 Cardinals Δ
4-6 Mockers Δ
3 Flickers
2 Red-bellies Δ ⊛
3 Downys Δ
✓ 1 Yellow-r. W.
⊛ 1 Sharpshin ♀ Δ
1 Bluebird(s) ✳
1 Towhee ♂ Δ
✓ 1 Field Sp. Δ

8-10 Doves Δ
10 Crows Δ
6 Jays Δ
20-30 Grackles 1 Δ
25-30 Starlings Δ
6-10 House Sp's 3 Δ
2 Song " Δ
3 C. Wrens Δ
4 Goldfinches Δ
3 Chickadees Δ
3 Titmice Δ
1 Red-shoulder
✓ 1-2 Meadowlarks(s)
✓ 1 Fish Crow
50 Red-wings
1 Fox Sparrow Δ
~~50 Red-wings~~

2-25-77 Fri.
Clear, warm, winds, SW, W, N, 10-40 mph. (in gusts) - glorious day

2 Bluebirds(s) (4)
25-30 Eve. Grosbeaks
8-12 Juncos
20-30 White-throats
5 White-crowns
1-2 House Finches
3-4 Purple Finches
5-6 Robins
20-30 Cardinals
4-6 Mockers
2 Meadowlarks (2s)
1 Killdeer (3x)
1 Towhee
2 Kestrels (ee)

8-10 Doves
37 Crows
6 Jays
20-25 Grackles
25-30 Starlings
6-10 House Sps.
2 Song "
3 C. Wrens
4 Goldfinches
3 Chickadees
3 Jetmice
3 TVs (2)
Ring-b. Gulls

√ Bluebird singing at Hampshire

First Chipmunk! Δ
and at on wire at Kindels, then a pair at one of our Bluebird houses.
2 3 TVs together, and a lone TV 8-10 times during day.

36 up.
2-26-77 Sat. 36°-66°
Scattered high clouds in A.M. Cloudy in P.M.; wind S, 5-20 mph. Away 9:30 - 3:10 P.M.
Chipmunk has dug new hole.

2 Bluebirds(s) (1 at nest box) Δ
28-35 Eve. Grosbeaks Δ
8-10 Juncos Δ
20-25 White-throats Δ
5 White-crowns Δ
6 C. Waxwings
3 House Finches (30↑) Δ
45 Purple Finches Δ
5-6 Robins

8-10 Doves Δ
10-12 Crows
6 Jays Δ
100± Grackles (2) Δ
50± Starlings (2) Δ
8-10 House Sps Δ
2 Song " Δ
3 C. Wrens Δ
4 Goldfinches

25-30 Cardinals Δ
4-6 Mockers Δ
✓ 1 Barred Owl 6:45AM
2 Red-bellies Δ
3 Downys Δ
1 Golden-cr. Kinglet
(K) 1 Red-shoulder
1 Pil. Woodpecker
3 Yellow-r. Ws.

3 Chickadees Δ
3 Titmice Δ
1 Horned Lark
1 Killdeer
1 Field Sp. (s)
1 Bobwhite (c)
27 Ring-b. Gulls
2 Meadowlarks (s)
2 Redwings Δ
5

✓ Barred Owl in back yard, 5:45 A.M. - calling last notes only.

2-27-77 Sun. 38°-70°
Scattered clouds early - cloudy by 9:30 A.M. - intermitt. light showers beg 12:00 N. - wind SE-5, 5-25 mph. Trace of rain.

74° at National - broke record for date by 1°.

34 AP. Chipmunk

2 Bluebirds (1) Δ
20-30 Pine Grosbeaks Δ
8-12 Juncos Δ
25-30 White-throats Δ
5 White-crowns Δ
4-5 Yellow-r. Ws.
3 House Finches 2♂ 1♀ Δ
6 Purple Finches 4♂ 2♀ Δ
5-8 Robins
25-30 Cardinals Δ
4-6 Mockers (s) Δ
2 Red-bellies ♂♀ Δ
3 Downys Δ
5 Ring-b. Gulls
1 Pil. Woodpecker
(K) 1 Red-shoulder
2 Flickers Δ
1 Towhee Δ

8-10 Doves Δ
10 Crows
6 Jays Δ
40-50 Grackles 2 Δ
8-10 Red-wings 1 Δ
50 Starlings 2 Δ
6-10 House Sps. Δ
2 Song " Δ
3 C. Wrens Δ
4 Goldfinches Δ
4 Chickadees Δ
3 Titmice Δ
~~Red-shoulder~~
1 Killdeer
Meadowlarks (s)
1 TV
✓ 1 Fox Sp. Δ

2 Chipmunks

2-28-77 Mon. 33° - 44°
Cloudy, cold north, NNE wind 5-25 mph.
thin skim of ice on bird-bath,

✓ 2 Bluebirds (G)
15-20 Eve. Grosbeaks Δ
8-12 Juncos Δ
25-30 White-throats Δ
5 White-crowns Δ
✓ 1 Towhee ♀ Δ
5-6 Robins
25-30 Cardinals Δ
4-6 Mockers 1 Δ
2 Red-bellies 2 Δ
3 Downys 3 Δ
1-2 House Finches Δ
3 Purple Finches 2 ♂ Δ
(*) 1 Red-shoulder
✓ 1 Bobwhite (c)

8-10 Doves 5 Δ
6-8 Crows
4-6 Jays Δ
30-40 Grackles 3 Δ
5-6 Red-wings 2 Δ
30-50 Starlings
6-8 House Sps.
2 Song "
3 C. Wrens (2 s)
4 Goldfinches
4 Chickadees
3 Titmice (25)
2 Meadowlarks
✓ 6 Ring-b. Gulls
TV

3-4 Yellow-r. Bs.

3-1-77 Tues.
Partly cloudy, chilly, wind NE-NW-W, 5-25 mph. - gusty - overcast in afternoon.

2 Canada Geese
15-25 Eve. Grosbeaks
8-12 Juncos
25-30 White-throats
4-5 White-crowns
1-2 House Finches
3 Purple Finches
1 Towhee ♀ Δ
4-5 Robins (5)
25-30 Cardinals
4-6 Mockers
2 Red-bellies

8-10 Doves
6 Crows
4-6 Jays
20-25 Grackles
3-4 Red-wings
25-40 Starlings
6-10 House Sps.
2 Song "
3 C. Wrens
4 Goldfinches
3-4 Chickadees
3 Titmice

3 Downys 1 Cowbird ♀
1 Red-shoulder ✓ 1 Fox Sparrow
2 Bluebirds (s) 2 Meadowlarks (s)
250-300 Ring-b. Gulls 4 Yellow-r. Ws.

X Second driest February on record (driest was 1901)

2-2-77 Wed. 26°-56°
Clear, cold, cloudless by 8:30 A.M., then scattered high, thin clouds in P.M. - light breeze

2 Bluebirds (s) 8-10 Doves (s)
20-25 Eur. Starlings 6 Crows
8-10 Juncos (s) 6 Jays
25-30 White-throats (s) 15-20 Grackles
5 White-crowns 4-5 Red-wings (s)
? House Finches 30-40 Starlings
3 Purple Finches (s) 6-10 House Sps.

Chipmunk

5-6 Robins 2 Song Sps. (s)
25-30 Cardinals (s) 3 C. Wrens (s)
4-6 Mockers 4 Goldfinches
2 Red-bellies 3-4 Chickadees (s)
3 Downys 3 Titmice (s)
2 Yellow-r. Ws. 4 Meadowlarks (s)
1 Tow Ree ♀ 1 Red-shoulder
(X) 2 Red-tails (ad) (X) 1 Kestrel
~~Yellow-r. W~~ 1 Nuthatch (s)
✓ 4 Fish Crows at Fair City Mall
✓ 3 ad. Red-tails circling North close together, with several crows harrying them a bit.

32

3-3-77 Thurs.
Cloudless, chilly; mostly cloudy by mid-aft.; wind S, 5-20 mph. Balmy!

15-20 Eve. Grosbeaks
8-12 Juncos 4 20 on (S) Newman Rd.
25-30 White-throats (S)
5 White-crowns (S)
3 Purple finches (S)
5-6 Robins (1S)
25-30 Cardinals (S)
4-6 Mockers (1S)
2 Red-bellies
3 Downys
✓ 1 Tow hee + (S)
3-4 Meadowlarks ✓ 1 Cowbird (S)
* 1 Red-shoulder 3 TVs
* 1 Sharpshin ✓ 1 Yellow-r. W.

8-12 Doves (S)
8 Crows
6 Jays
50+ Grackles (S)
8-10 Red-wings (S)
6-10 House Sps.
2 Song " (S)
3 C. Wrens (S)
4 Goldfinches
3-4 Chickadees (S)
3 Titmice (S)
✓ 1 Cowbird (S)
3 TVs

3-4-77 7 in. 40°-58°
Heavy overcast - occ. light drizzles beg. before 6:00 A.M.

Full Moon

2 Woodcocks ✓
20-25 Eve. Grosbeaks
8-12 Juncos
25-30 White-throats
5 White-crowns
3 Purple Finches
4-5 Robins
25-30 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
1 Tow hee +
3-4 Meadowlarks
1 Killdeer
1 Fox Sp.
1 Pil. Woodpecker

8-12 Doves
8 Crows
6 Jays
30-40 Grackles
10-12 Red-wings
40+ Starlings
6-10 House Sps.
2 Song "
3 C. Wrens
4 Goldfinches
3 Chickadees
3 Titmice
5 Herring Gulls ✓
1 Red-shoulder
1 TV

✓ at 6:00 A.M., two Woodcocks were putting on a great 30 mins courtship display - one closeby, over our front yard

and Hampshire's meadow, the second over Vazquez' meadow. Peenting loudly, twittering constantly, and much wing-twittering. Later, the closest one moved to yards beyond our back woods.

2 5 Herring Gulls over our house, plus about 200 Ring-billed Gulls on meadow beside Clifton Rd. next to Jack Hunter's

3-5-77 Sat. 40° - 66°
To Charlottesville - Board Meeting, V.S.O. - away 7:40 A.M. to 5:50 P.M.

Woodcock	Doves
C. Geese	Crows
Eve. Grosbeaks	Jays
Juncos	Grackles
White-throats	Red-wings
White-crowns	Starlings
Purple Finches 3♂ 2♀	House Sps.
Robins	Song"
Cardinals	C. Wrens
Mockers	Goldfinches
Red-bellies	Chickadees
Downys	Titmice
✓ Towhee ♂	Bobwhite
⊛ Red-shoulder	⊛ 1 Kestrel
Meadowlarks	

✓ on fenceline

Maples blooming

37 sp.

3-6-77 Sun. 40°-51°
Overcast,

✓ 1 C. Goose
✓ 1 Barred owl (c)
✓ 3-4 Yellow-r. Ws.
2 Bluebirds
20-30 Eve. Grosbeaks
✓ 2 Towhees
10-15 Juncos
25-35 White-throats
5 White-crowns
4-5 Purple Finches
6-10 Robins
25-30 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys

8-12 Doves
8-10 Crows
6 Jays
30 Grackles ✓
6-10 Red-wings
50 Starlings
6-10 House Spr.
2 Song "
3 C. Wrens
4 Goldfinches
4 Chickadees
3 Titmice
✓ 1 Cowbird
1 Red-shoulder
500 Ring-b. Gulls

Chipmunk

3-4 Meadowlarks ✓ 2 Flickers
200 Herring Gulls ✓ 6 Killdeers
✓ 1 Hairy Woodpecker (5x) = 3 TVs
✓ 2 Pil. Woodpeckers

✓ Grackles in courtship flights

3-8-77 Mon. 40°-51°
Overcast, clearing mid-morning, then clouding up at noon, to about 3:00. Wind NNE, N-NW 10-25 mph.

30-40 Eve. Grosbeaks
8-10 Juncos
25-30 White-throats
5 White-crowns
9 Herring Gulls
3-4 Purple Finches
6-10 Robins
25-30 Cardinals

8-12 Doves
8 Crows
6 Jays
25-30 Grackles
5-6 Red-wings
40+ Starlings
6-10 House Spr.
2 Song "

* Woodchuck

4-6 Mockers 3 C. Wrens
2 Red-bellies 4 Goldfinches
3 Downys 4 Chickadees
(*) 1 Red-shoulder 3 Titmice
1 Towhee (c) 3-4 Meadowlarks
✓ 1 House Finch ♂ ✓ 2 Bluebirds
* 1 Broad-wing (c) 1 TV

Brief visit to Lake Burke, 5 Pied-billed Grebes, 1000 Ring-b. Gulls, Mallards, Buffleheads, C. Geese, etc.

3-8-77 Tues. 31°-53°
Cloudless, ice on bird bath, wind N 5-15 mph. Great day! However, still terribly dry - azaleas, etc. appear dead.

25-30 Eve. Grosbeaks 8-10 Doves (s)
8-12 Juncos (s) 6-8 Crows
25-30 White-throats (s) 6 Jays
5 White-crowns (s) 20+ Grackles
1 Towhee (s) 5-6 Red-wings (s)
4-5 Robins (s) 30-40 Starlings
25-30 Cardinals (s) 10-14 House Sps.
4-6 Mockers 2 Song " (s)
2 Red-bellies 3 C. Wrens (s)
3 Downys 4 Goldfinches
~~Towhee (s)~~ 3 Chickadees (s)
✓ 2 Purple Finches (s) 10 ♂ 3 Titmice (s)
(*) 1 Red-tail (ad) 2-3 Meadowlarks (s)
2 Bluebirds (*) 1 Red-shoulder
✓ 10 $ TVs

34 sp.
3-9-77 Wed. 34°-~~68~~ 71° ~~4-3~~ 3
Clear; ice on bird bath, then warming up rapidly; wind SW, 10-20 mph. Glorious day!

✓ 2 C. Teased from pond
✓ 40± Eve. Grosbeaks
8-12 Juncos
25-35 White-throats
5 White-crowns
1 Towhee (s)
6-8 Robins
25-35 Cardinals
4-6 Mockers
2 Red-bellies
3 Downys
3-4 Meadowlarks
1 House Finch ♂
2 Purple Finches
1 Flicker (s)
1 Red-tail (ad.)
1 Sharp-shin
8-10 Doves
6 Crows
6 Jays
75-100 ~~75-150~~ Grackles
5-6 Red-wings
25-30 Starlings
10-15 House Sps.
2 Song "
3 C. Wrens
4 Goldfinches
4 Chickadees
3 Titmice
1 Killdeer
1 Red-shoulder
1 T V
1 Pine Warbler (s)
20 C. Waxwings

✓ about 40 E. Grosbeaks burst out of large cedar on our front yard about 6:15, as I got paper.
2 Red-bellies in courtship.
1 Pine Warbler singing loudly beside Carl Eike's house at Woodbridge.

3-10-17 Thurs. 42°-64°
Clear early, then slowly becoming overcast - wind SW, 10-20 mph.

30-35 Eve. Grosbeaks
10-12 Juncos
25-30 White-throats
5 White-crowns
2 Towhees (s)
3-4 C. Waxwings
8-10 Robins
25-30 Cardinals
4-6 Mockers
8-10 Doves
8 Crows
6 Jays
50+ Grackles
8-10 Red-wings
25-30 Starlings
10-12 House Sps.
2 Song "
3 C. Wrens

1 Chipmunk
1 Woodchuck

1 Flicker (s) 4 Goldfinches Δ
2 Red-bellies (s) Δ 4 Chickadees Δ
3 Downys Δ 3 Titmice Δ
✓ 4 Purple Finches Δ 3♂ 2♀ ✓ 3 Red-shoulders
✓ 3-4 (?) Rusty Blackbirds (c) 2-3 Meadowlarks
✓ 1 House Finch Δ ♂ 1 Field Sp. (s)
2 Bluebirds 2 Yellow-r. Ws.
1 Killdeer

Honey Bees!
Spring Peepers in Clifton (3/10)
3-11-77 Fri. 41°-69°
Scattered clouds, then variably cloudy, wind SW 10-25 mph.

✓ 1 Phoebe (c) 8-12 Doves Δ
25-35 Eve. Grosbeaks ✓ Δ 8 Crows
10-15 Juncos Δ 6 Jays Δ
25-35 White-throats Δ 50+ Grackles
3 Δ

Woodchuck

5 White-crowns Δ 10-15 Red-wings 3 Δ
12-15 Robins 30+ Starlings 2 Δ
25-35 Cardinals Δ 10-15 House Sps. Δ
4 6 Mockers Δ 2 Song " Δ
2 Red-bellies Δ 3 C. Wrens Δ
3 Downys Δ 4 Goldfinches Δ
5 Purple Finches 3♂ 2♀ 3 Chickadees Δ
2 Bluebirds 3 Titmice Δ
2 Towhees (s) ♂ Δ 1 Field Sp. (s)
2 Killdeers ♀ 2-4 Meadowlarks (s)
✓ 1 Pine Warbler (s) ⊛ 1 Red-shoulder
1 Pil. Woodpecker 6 Cowbirds 4♂ 2♀ Δ
3 Yellow-r. Ws. 2 TVs

✓ Eve. Grosbeaks to 4:00 P.M. — CLE had one male drinking at bird-bath at 5:45 PM. EDT. They roosted in big cedar last night.

38A

3-12-77 Sat. 68°-66°
Light clouds; increasingly cloudy in aft.; wind SW, 5-15 mph, occ. sprinkles beg. 3:30 P.M. — thunder in SW, beg. 4:00 P.M.

1 Phoebe (c)
20-30 Eve. Grosbeaks Δ
10-12 Juncos (S) Δ
25-30 White-throats (S) Δ
5 White-crowns (S) Δ
10-15 Robins (S)
25-30 Cardinals Δ (S)
4-6 Meadowlarks (S) 2Δ
2 Red-bellies Δ
3 Downys Δ
Yellow-n. Flicker
2 Towhees (S) Δ
3-4 Purple Finches (S) Δ
15-20 C. Doves 7:10 AM SE-NW
8-12 Doves (S) 4Δ
6-10 Crows
6 Jays Δ
50± Grackles (S) 3Δ
10-12 Red-wings (S) 2Δ
50± Starlings 2Δ
10-12 House Sps. Δ
2 Song " (S) Δ
3 C. Wrens (S)
4 Goldfinches (S) Δ
3 Chickadees (S) Δ
3 Titmice (S) Δ
3-4 Meadowlarks (S)
1 Field Sp. (S)

Woodchuck - Squirrels
2 Rabbits - Chipm.

1 Killdeer
1 Pine W. (S)
1 Flicker (S)
2 Bluebirds (S)
#(?) C. Doves 5-NW 7:32
1 Bobwhite (C)
6 Cowbird (S) Δ

39 P

3-13-77 Sun. 57°-68°
Intermm. drizzle during night - good shower began about 5:30 A.M. - fairly hard at times = 1.7" rain by 10:00 AM Thank God! Heavy clouds in aft, hail shower 4:45-5:20 P.M. Rain = 0.1" Total 1.8"

1 Phoebe in yard
25-30 Eve. Grosbeaks to 4:45 PM
10-15 Juncos
25-30 White-throats
4-5 White-crowns
45-50 Robins
25-30 Cardinals
4-6 Meadowlarks
8-12 Doves
8 Crows
6 Jays
50-60 Grackles
8-12 Red-wings
50± Starlings
10-15 House Sps
2 Song "

Woodchuck
Chipmunk
Spring Peeper

1 Towhee (s) 3 C. Wrens
2 Flickers 6 Goldfinches
2 Red-bellies 3-4 Chickadees
3 Downys 3 Titmice
2 Purple Finches ♂ 1-2 Killdeers
1 House Finch ♂ 2-4 Meadowlarks (s)
20 Herring Gulls (*) 1 Red-shoulder
23 C. Waxwings ✓ 1 Pine W. (s)
2 Bluebirds 1 Field Sp.
1 Pil. Woodpecker (s) 4 Yellow-r. Ws.
(*) 2 Red-tails 1 TV
1 Cowbird (s)

↑ 2 ad. Red-tails circling S-N, very high.

3-14-77 Mon. 45°-58°
Overcast - bright sunshine for a few hours midaft., then cloudy again.

2 Woodchucks
Chipmunks

1 Phoebe (s) 10-12 Doves 3Δ
25-30 Eve. Grosbeaks Δ 8-10 Crows
10-15 Juncos Δ 6 Jays Δ
25-30 White-throats Δ 20-30 Grackles 3Δ
4-5 White-crowns Δ 10-15 Red-wings 3Δ
2 Tow Rees ♀ Δ 30-40 Starlings 3Δ
20-30 Robins 10-15 House Spo. Δ
25-30 Cardinals Δ 2 Song Spo. Δ
4-6 Mockers Δ 3 C. Wrens
2 Red-bellies 2Δ 4-6 Goldfinches Δ
3 Downys 3Δ 3 Chickadees 3Δ
3 Purple Finches 2♂ ♀ Δ 3 Titmice 3Δ
4 (?) C. Geese 1 Field Sp.
2 Pil. Woodpeckers 2-4 Meadowlarks
35 Herring Gulls 2 House Finches ♂♀ Δ
(*) 1 Red-shoulder 4 Bobwhites (c)
2-3 Flickers (s) 1 Cowbird
20-25 C. Waxwings 2 TVs

3-15-77 Tues. 40°-66°
Cloudless, then a few scattered clouds in aft.; wind 2-10 mph.
Great day.

1 Phoebe
10 Bobwhites (c) (s)
20-25 C. Waxwings
25-30 Eve. Grosbeaks
10-15 Juncos (s)
25-30 White-throats (s)
4-5 White-crowns (s)
20-30 Robins (s)
25-30 Cardinals (s)
4-6 Mockers (s)
2 Towhees (1 s) ♀ 10
2 Red bellies (s)
3 Downys
3-4 Purple Finches (s)
4 House Finches (s) 30
10-12 Doves (s)
6-8 Crows
6 Jays
40-50 Grackles (s)
20+ Red-wings (s)
50+ Starlings
10-12 House Sps.
2 Song " (s)
3 C. Wrens (2 s)
4-6 Goldfinches (s)
3 Chickadees (s)
3 Titmice (s)
2-4 Meadowlarks (s)
1 Field Sp. (s)
1 ♀ Cowbird

2 Woodchucks
2 Chipmunks
2-3 Flickers (s), ⊛ 1 Red-shoulder
1 Horned Lark 2 Bluebirds (s)
3-4 Yellow-r. WS, ⊛ 1 Red-tail (ad) ✓

(TVs returned to Hinkley, Ohio, today (3/15).)

✓ Red-tail circling lazily S-N, over house, climbing higher, then caught an air current it wanted, and disappeared quickly into the north.

3-16-77 Wed. 46°-62°
Few scattered clouds — mostly fair; wind NW, 20-40 mph — gusty

33 Ap.

2 Woodchucks
Chipmunk

1 Phoebe
3-4 Bobwhites
25 C. Waxwings
30-40 Eve. Grosbeaks
10-12 Juncos
25-30 White-throats
4-5 White-crowns
100+ ~~65-75~~ Robins (No. rare)
25-30 Cardinals
4-6 Markers
2 Flickers
2 Red-bellies
3 Downys
5 Purple Finches 3♂ 2♀
3 House Finches 2♂ 1♀
2 Towhees ♀♂ (*)

10-12 Doves
8 Crows
6 Jays
100+ Grackles
50-75 ~~25-35~~ Red-wings
80+ Starlings
10-15 House Sps.
2 Song "
3 C. Wrens
4-6 Goldfinches
3 Chickadees
3 Titmice
1 Field Sp.
2-4 Meadowlarks
2 TVs
2 Red-shoulders
4 Cowbirds

3-17-77 Thurs. 42°-56°
St. Patrick's Day - sun
rises , sets
Mostly clear, cool; light, high
clouds in aft. Wind SW, 2-10 mph

✓ 5 C. Geese 6:30 A.M. SW-NE
✓ 1 Phoebe
25-30 Eve. Grosbeaks
8-12 Juncos
25-30 White-throats
4-5 White-crowns
4 Purple Finches
4 House Finches
2 Towhees
20-30 Robins
25-30 Cardinals
4-6 Markers
2 Flickers
2 Red-bellies
3 Downys

8-10 Doves
6-8 Crows
6 Jays
50+ Grackles
50+ Red-wings
40-50 Starlings
10-12 House Sps.
2 Song "
2 C. Wrens
4-5 Goldfinches
3 Chickadees
3 Titmice
1 TV (2x)
2-3 Meadowlarks
20+ C. Waxwings

2 Woodchucks
Chipmunk
2 Bobwhites 1 Field Sp.

3-18-77 Fri.
Heavy overcast; light showers
began 5:55 A.M.; wind SE, 10-30
mph, gusty. Occ. light showers
- one hardabout 2:00 P.M. - total 0.1"

away 11:00 A.M. - 2:00 P.M. - Dr. Lafiff

20+ C. Waxwings 8-12 Doves
20-25 Eve. Grosbeaks 8 Crows
10-12 Juncos 9 Jays
25-30 White-throats 200+ Grackles
5 White-crowns 20+ Red-wings
2 Towhees 50 Starlings
60-70 Robins 10-12 House Sps.
25-30 Cardinals 2 Song "
4-6) Flickers 2 C. Wrens
18 Flickers 4-6 Goldfinches

2 Woodchucks
Chipmunk
2 Red-bellies 3 Chickadees
2 Downys 3 Titmice
1 Red-shoulder 1 Field Sp.
3 House Finches 20↑ & 1 Cowbird ♂
6 Purple Finches 4♂ 2♀ & 4 Meadowlarks
1 Pil. Woodpecker

3-19-77 Lat. 35°-57°
Cloudy, wind gusty
15-30 mph (up to 50 mph. last night),
from N.W. - very cold in a.m., but less
cloudy as day wore on - clouding up again
late aft. (away 6:30 AM - 12:00 - Algonkian
Park)
#(?) C. Geese 8-12 Doves
1 Bobwhite (s) 6-10 Crows
2 Towhees 6-9(?) Jays
25-30 Eve. Grosbeaks 100+ Grackles
8-12 Juncos 20+ Red wings
25-30 White-throats 50+ Starlings

2 Woodchucks
Chipmunk

5 White-crowns
12 C. Warblers
30-40 Robins
25-30 Cardinals
4-6 Mockers
5 Flickers
2 Red-bellies
2-3 Downys
4-5 House Finches
4-6 Purple Finches
1 Pil. Woodpecker

10-12 House Sp.
2 Song "
2 C. Wrens
4-6 Goldfinches
3 Chickadees
3 Titmice
1 Field Sp.
2 Fish Crows
1 Wood Duck
2-4 Meadowlarks

3-20-77 Sun. 38°-46°
Heavy overcast - light showers
began 3:45 A.M.; wind SE,
10-20 mph.; Rain = 0.25"

Spring arrived 12:45 P.M.

2 Woodchucks
1 Chipmunk (carrying leaves)

20-30 Eve. Grosbeaks
10-12 Juncos
25-30 White-throats
5 White-crowns
2-3 House Finches
7 Purple Finches
20 C. Warblers
30-40 Robins
25-30 Cardinals
4-6 Mockers
6-8 Flickers
2 Red-bellies
2 Downys
2 Towhees
1 Hairy Woodpecker

8-12 Doves
10 Crows
6-8 Jays
50+ Grackles
20+ Red-wings
50+ Starlings
10-12 House Sps.
2 Song "
2 C. Wrens
4-6 Goldfinches
3 Chickadees
3 Titmice
2-4 Meadowlarks
2 T V's
1 Fish Crow

3-21-77 Mon. 34°-51°
Thin skein of ice on bird-bath;
high cirrus clouds;

2 Woodchucks

✓ 1 Phoebe	8-12 Doves
✓ 2 Towhees	6-8 Crows
20-30 Eve. Grosbeaks	6-8 Jays
8-12 Juncos	150-200 Grackles
25-30 White-throats	25-30 Red-wings
5 or more White-crowns	40-50 Starlings
3-4 Purple Finches	10-12 House Sps.
1-2 House Finches	2 Song "
50+ Robins	2 C. Wrens
25-30 Cardinals	4 Goldfinches
4-6 Mockers	3 Chickadees
6-8 Flickers	3 Titmice
2 Red-bellies	2-3 Meadowlarks
2 Downys	✓ 2 Herring Gulls
(*) 1 Sharpshin?	1 Bobwhite
1 Pil. Woodpecker	✓ 2 Bluebirds
(*) 1 Red-shoulder	✓ 1 Fish Crow
* 1 Kingfisher	2 TVs
1 Yellow-r. W.	

3-22-77 Tues 410-490

Light rain began 1:15 A.M., continuing until about 1:45 P.M. - rain = 1.1" - just great! Then wind NNE-N, 25-50 mph.

Away 10:00 A.M. - 4:00 P.M. {O'Keefe + Wilmore

2 Towhees	6-10 Doves
15-20 Eve. Grosbeaks	6-8 Crows
10-12 Juncos	6 Jays
20-30 White-throats	50+ Grackles
5 (+?) White-crowns	15-20 Red-wings
50+ Robins	50+ Starlings
25-30 Cardinals	10-15 House Sps.
4-6 Mockers	2 Song "
4-5 Flickers	2 C. Wrens
2 Red-bellies	4 Goldfinches
2 Downys	3 Chickadees
3-4 Purple Finches	3 Titmice
	2-4 Meadowlarks

32 AP

3-23-77 Wed. 34°-51°
Partly cloudy; ice on bird-bath. Wind blew all night in gusts over 50 m.p.h. (55). Winds today 15-35 mph., N/NNE, all day. Cloudless in afternoon.

20-30 Eve. Grosbeaks to 4:00 PM	10-12 Doves 5♂
6-8 Juncos	8-10 Crows
20-25 White-throats	6-8 Jays
5 White-crowns	50+ Grackles
1 Phoebe	20+ Red-wings
50+ Robins	1-2 Cowbirds
25-30 Cardinals	50-60 Starlings
4-6 Mockers	10-12 House Sps.
6 Flickers	2 Song "
2 Red-bellies	2 C. Wrens
2 Downys	4-6 Goldfinches
2 Bluebirds	3 Chickadees
2 Towhees ♀	3 Titmice
4 Purple Finches 30 ♂ 1 ♀	2 Meadowlarks

(*) 1 Red-shoulder ✓ 1 House Finch ♂
10 C. Waxwings 1 TV

3-24-77 Thurs. 34°-45°
Cloudless, cold, wind NW, 15-~~35~~ 40 mph., very gusty.

Away 10:00 A.M. – 3:00 P.M. (Culpepper Lions)

20-25 Eve. Grosbeaks to 4:15 PM	8-10 Doves
6-10 Juncos	8-10 Crows
20-30 White-throats	6-8 Jays
5 White-crowns	100+ Grackles
5 Purple Finches 30 ♂ 2 ♀	20+ Red-wings
2 Towhees	50+ Starlings
50+ Robins	10-12 House Sps.
20-30 Cardinals	2 Song "
4-6 Mockers	2 C. Wrens
6 Flickers	4-6 Goldfinches
2 Red-bellies	4 Chickadees

2 Downys 3 Titmice
(*) 2 Red-shoulders 2-3 Meadowlarks
1 House Finch ♀ 4 TVs {4 at 6:10 AM
✓ 1 Rusty Blackbird ♂

Note: Two ad. Red-tails hunting over field near Remington, Va.
4 Kestrels between Remington & Culpeper; 1 Common Snipe over field at Westgate, Manassas

✓ Rusty showed up by bird-bath about 5:45 P.M. - eating scratch feed.
3-25-77 Fri. 25° - 47°
Clear, cold, wind N-NW, 15-35 mph. - bird bath froze within half-hour of being filled in A.M.
Wind all day -

Woodchuck

✓ 1 Rusty Blackbird {at yews 8-12 Doves
2 Bluebirds 6-8 Crows
25-30 Eve. Grosbeaks 6 Jays
6-8 Juncos 100+ Grackles
25-30 White-throats 20-30 Red-wings
5 White-crowns 3-4 Cowbirds
5 Purple Finches 3♂ 2♀ 50+ Starlings
2 House Finches 2♀ 10-12 House Sps.
50+ Robins 2 Song "
20-25 Cardinals ✓ 2 C. Wrens
4-6 Mockers 4-6 Goldfinches (S)
3-4 Flickers 3-4 Chickadees
2 Red-bellies 3 Titmice
2 Downys 2-3 Meadowlarks
2 Towhees (*) 1 Red-shoulder
25 C. Waxwings ✓ 1 TV
(*) 1 Sharpshin

✓ 1 ♀ Cardinal eating suet for about 5 min.
✓ C. Waxwings counted twice in different trees.

2 Woodchucks (in yard)

3-26-77 Sat. 31°-54°
Cloudless, chilly, wind NNE, 10-20 mph., abating a bit in afternoon. Glorious day!

2 Yellow-r. Wds. 10-12 Doves
30-40 Eve. Grosbeaks 6-8 Crows
6-8 Juncos 6 Jays
25-30 White-throats 75-100 Grackles
5 White-crowns 20-30 Red-wings
3-4 Purple Finches 40-50 Starlings
1-2 House Finches 10-12 House Sps.
40-50 Robins 2 Song "
20-25 Cardinals 2 C. Wrens
4-6 Flickers 4-6 Goldfinches
6 Flickers 3 Chickadees
2 Red-bellies 3 Titmice
2 Mourning 2-3 Meadowlarks
5 C. Wodwings 3-4 TVs 1st 6:20 PM

1 Towhee ♀ ⊛ 1 Red-shoulder
⊛ 1 Sharpshin ✳ 1 Cooper's {SW-NE 4:40 PM
1 Fld Sp.

3-27-77 Sun. 32°-58°
Cold; high hazy clouds mid-morning on; wind SE, 10-15 mph. ~~mod~~ Mild in P.M.

2 Yellow-r. Wds. 10-12 Doves
1 Phoebe 6-8 Crows
30-40 Eve. Grosbeaks 6 Jays
8-12 Juncos 100+ Grackles
25-30 White-throats 20+ Red-wings
5 White-crowns 1 Cowbird ♂
2 Towhees ♂♀ 50+ Starlings
3-4 Purple Finches 10-12 House Sps.
1-2 House Finches 2 Song "
50+ Robins 2 C. Wrens

1 Woodchuck (in yard)

20-25 Cardinals
4-6 Mockers
5 Flickers
2 Red-bellies
2 Doves
25-30 C. Waxwings
2 Mallards ♂♀ from Pond
(X) 1 Kestrel
4 Goldfinches
3 Chickadees
3 Titmice
2-3 Meadowlarks
1 Field Sp.
2 Bluebirds
2 TVS

3-28-77 Mon. 46°-59°
Light rain began about 5:00 A.M., ending near noon = 0.2" rain. Partly sunny in aft.; wind SE, 5-10 mph.

15-20 Eve. Grosbeaks
10-15 Juncos
25-30 White-throats
5 White-crowns
5 Purple Finches ♂♀
10-12 Doves
6-8 Crows
6 Jays
50+ Grackles
10-15 Red-wings

1 Woodchuck in yard
Chipmunk

2 House Finches ♂♀
2 Towhees ♂♀
5-8 C. Waxwings
100+ Robins
25-30 Cardinals
4-6 Mockers
6 Flickers
2 Red-bellies
3 Doves ♂♀
(✓) #(3) C. Geese
(X) 1 Sharpshin ♂
1 Pil. Woodpecker
50+ Starlings
10-12 House Sps. ✓
2 Song "
2 C. Wrens
5 Goldfinches
3 Chickadees
2-3 Titmice *
✓ 1 Killdeer
2 Bluebirds
2 Meadowlarks
1 Field Sp.

✓ House Sps. in a frenzy of house-hunting today — Charming Chickadees at wren-box out back, also trying wren box & C. Wren's dry ammunition at garage.

41 sp.

3-29-77 Tues. 53°-77°
Clear, mild, wind SSW, 5-25 mph. Cloudless to about noon - then increasing clouds - warm!

*1 Br. Thrasher(s) ✓ 10-15 Doves 4Δ
✓1 Phoebe(s) in yard 8-10 Crows
1 Bobwhite 6 Jays Δ
15-20 Eve. Grosbeaks Δ ✓2 200 Grackles Δ
8-12 Juncos Δ 30-40 Red-wings Δ ♀Δ ♂
25-30 White-throats Δ 50+ Starlings
5 White-crowns Δ 10-15 House Sps. Δ
4 Purple Finches Δ 2♂ 2♀ 2 Song " Δ
1-2 House Finches Δ 2 C. Wrens Δ
75-100 Robins 4-6 Goldfinches Δ
25-30 Cardinals Δ 3 Chickadees Δ
4-6 Mockers 3 Titmice Δ
16 Flickers 1 Field Sp.
2 Red-bellies Δ 2 Towhees 1Δ
3 Downys Δ 2♂ 1♀ 1 Pil. Woodpecker

Woodchuck - chipmunk
Rabbit

SW-NE 7:50AM
(*) 1 Red-tail (ad) 2-3 Meadowlarks
(*) 1 Red-tail (ad) SW-NE 7:57AM 5 TVs {5 together + 1-2 for 5-6 ♀
✓2 Bluebirds(s) 3-4 Cowbirds (s) 1Δ
✓2 Yellow-r. Ws. 2 Fish Crows
(*) 1 Red-shoulder (*) 1 Coopers ♀ {SW-NE 9:55AM
(*) 1 Red-tail (ad) SW-NE 11:35AM ✓1 Kingfisher
1 Killdeer

✓ Brown Thrasher singing about yard all day.
✓ E. Grosbeaks in courtship - 2♀s in "submission" postures as they followed ♂, spreading tail, etc.

3-30-77 Wed. 56°-78°
Overcast, wind SW, 5-25 mph. (mostly in P.M.), warm, balmy; mostly sunny from about 9:00 A.M.

2 Woodchucks (1 in yard 4X)
Bumblebees - 1 honeybee

✓ 2 Br. Thrashers (25) 10-12 Doves (S)
2 Bobwhites (S) 6-8 Crows
✓ 2 Barred Owls ✓ 5-6 Jays
1 Phoebe all day (S) 100+ Grackles (S)
20-25 C. Waxwings 20-30 Red-wings (S)
20-25 Eve. Grosbeaks 50-75 Starlings
6-10 Juncos (S) 10-15 House Sps.
25-30 White-throats (S) 2 Song " (S)
5 White-crowns (S) 2 C. Wrens (S)
3-4 Purple Finches (S) 4-6 Goldfinches (S)
1-2 House Finches (S) 3 Chickadees (S)
50+ Robins (S) 2-3 Titmice (S)
20-25 Cardinals (S) 1 Field Sp. (S)
4-6 Mockers (S) 2-4 Meadowlarks (S)
2 Red-bellies (S) * 1 Red-shoulder
3 Downys (S) 1 Killdeer (S) 4-5X
2 Towhees (S) 10-15 Cowbirds (S)
✓ 3-4 C. Geese (local) * 1 Chipping Sp. (S)
✓ 2 Bluebirds ✓ 2 (S) 5 TVs
✓ 1 Pine W. (S)
✓ 2 Barred owls "talking" loudly in ~~Vazq~~ Vazquez' woods.

2 Bluebirds at wren house on garage
3/30 - First Toads trilling

3-31-77 Thurs. 49°-65°
Cloudy early; few raindrops at 5:40 A.M.; wind NNE, increasing during day, 10-50 mph (gusty) - great day - cloudless after 9:30 AM

1 Phoebe 10-12 Doves
1 Killdeer 6-8 Crows
15-20 Eve. Grosbeaks 4-6 Jays
6-8 Juncos 100+ Grackles
20-25 White-throats 20-30 Red-wings
5 White-crowns 8-12 Cowbirds
1-2 House Finches 50+ Starlings
3-4 Purple Finches 10-12 House Sps.
50+ Robins 2 Song "
20-25 Cardinals 2 C. Wrens
4-6 Mockers 4-6 Goldfinches
6-8 Flickers 3 Chickadees
2 Red-bellies 3 Titmice
3 Downys 1 Chipping Sp.
1 Kingfisher 2-3 Meadowlarks

1 Woodchuck
1 Chipmunk

1-2 Thrashers — 1 Field Sp.
2 Towhees — 4 TVs
(*) 1 Red-shoulder — Yellow-r. W.

4-1-77 Fri. 42°-60°
Clear, clouding in aft,
wind NNE, 5-7 mph

Away 3:00-5:00 P.M.

1 Barred Owl — 10+2 Doves
1 C. Goose — 6-8 Crows
2 Bob Whites (s) — 5-6 Jays
1-2 Br. Thrashers (s) — 75+ Grackles
20-25 Eve. Grosbeaks — 20+ Red-wings
8-12 Juncos — 8-10 Cowbirds
20-30 White-throats — 50+ Starlings
4-5 White-crowns — 10-12 House Sps.
3-4 Purple Finches — 2 Song "
75-100 Robins — 2 C. Wrens
20-25 Cardinals — 4-6 Goldfinches
4-6 Flickers — 3 Chickadees

Woodchuck

15+ Robins — 3 Titmice
2 Red-bellies — 2-3 Meadowlarks
2 Downys — 1 Field Sp.
20+ C. Waxwings — 1 Chipping Sp.
(*) 2-3 Red-shoulders — 1 Killdeer
2 Bluebirds ♀♂ * — 1 Vesper Sp. (cc)

Warmest March in Weather Bureau history

4-2-77 Sat. 46°-61°
Showers began 4:15 A.M. —
intermittent drizzles & showers
fairly good showers by 9:50
A.M. Wind SSE, 5-15 mph.
Rachel due at 6:40 P.M. (from Newark)
" here about 8:00 P.M.!

Rain = 0.6"
Away 6:55 A.M. — 10:40 A.M.
Leading walk at Lake Bunbe

Chipmunk

2 Towhees	10-12 Doves
20 C. Waxwings	6-10 Crows
25+ Eve. Grosbeaks	4-6 Jays
5-6 Juncos	100+ Grackles
20-30 White-throats	20-30 Red-wings
4-5 White-crowns	30+ Cowbirds
5 Purple Finches 4♂ 1♀	50+ Starlings
1-2 Thrashers (1Δ)	8-10 House Sps.
75-100 Robins	2 Song "
20-25 Cardinals	2 C. Wrens
4-6 Mockers	✓ 8 Goldfinches
15-20 Flickers	3 Chickadees
2 Red-bellies	2 Titmice
2-3 Downys	1 Field Sp.
✗ 1 Louis. Water-thrush (s) 1:30 PM	2 Meadowlarks
✓ 1 Barred Owl (c) 2:40 PM	3 Killdeers
✓ #(?) Rusty Blackbirds	✗ 1 Purple Martin (cc) 4:35 PM

42 sp.

Full moon

4-3-77 Sun. ~~46° - 61°~~ 54° - 69°

Scattered clouds early; cloudy by 8:00 A.M.; wind NNE, 5-25 mph. Sunny before noon - then cloudy again later.

Away 12:00 - 2:00; 3:30 - 4:50 PM.

✓ 1 Thrasher (s)	8-12 Doves
✓ 1 Killdeer	10 Crows
20-30 Eve. Grosbeaks 1 at 5:10 PM	4-5 Jays
3-4 Juncos	200+ Grackles
20+ White-throats	20+ Red-~~bellies~~ wings
4-5 White-crowns	10-15 Cowbirds
3-4 Purple Finches	100+ Starlings
200+ Robins	8-10 House Sps.
20-25 Cardinals	2 Song "
4-6 Mockers	2 C. Wrens
8-10 Flickers	4-6 Goldfinches
2 Red-bellies	3 Chickadees
2 Downys	2 Titmice
4 C. Waxwings	2-4 Meadowlarks
2 Bluebirds	1 Field Sp.
✓ 1 Phoebe in yard	2 Chipping Sp. (2s)

Woodchuck
Fr. Concorde

✓ 1 Sharpshin ✓ 1 Towhee (S)
✓ 1 Kingfisher 2-4 TVs
✓ 1 Red-shoulder ✓ 2 Fish Crows
✓ 1 Cooper's Hawk ✓ 1 Kestrel ♂
1 Bob White (S) ✓ 1 Louis. Water-thrush

✓ after 6:30 P.M. - one Bob White singing "Bob-bob" 4X, then full "Bob-bob-White".

4-4-77 Mon. ~~51°-69°~~ 41°-46°
Rain beg. 3:00 A.M., interm. all day - light; wind in A.M. NNE, 5-10 mph. - rain into night.

✓ 1 Yellow-r.w. 10-12 Doves
15-20 Eve Grosbeaks 6 Crows
3-4 Juncos 4-5 Jays
15-20 White-throats 200+ Grackles

5 White-crowns 20+ Red-wings
✓ 6 Purple Finches 48 2+ 6-8 Cowbirds
500+ Robins 100+ Starlings
20-30 Cardinals 14 in △ at once 8-10 House Sps.
4-6 Mockers 2 Song "
20 Flickers 2 C. Wrens
2 Red-bellies 6 Goldfinches
2 Downys 3 Chickadees
1 Thrasher 2 Titmice
50+ C. Waxwings 2-3 ? Meadowlarks
1 Towhee 1 Field Sp.
1 Chipping Sp.

4-5-77 Tues. 45°-56°
Interm. showers all night and into morning - ending at 7:00 A.M. - then very fine mist 9:30-10:30, & shower 12:00-1:00 P.M. Total = 1.1" rain - Thunder & brief spatter of drops at 4:00 - then windy - to 40 mph. - brief shower at 4:00 PM

2 Woodchucks

1 Thrasher
1 Killdeer
20+ C. Waxwings
20+ Eve. Grosbeaks
20+ White-throats
5 White-crowns
100+ Robins
20-25 Cardinals
4-6 Mockers
12-15 Flickers
2 Red-bellies ♂♀
2 Downys ♂♀
✓ 1 Louis. Water-thrush(s) 2-3
✓ 1 Yellow-r. W.
✓ 1 Junco (ee)
2 Bluebirds at nest box

10 of 12 Doves
6-8 Crows
4-5 Jays
100+ Grackles
20-30 Red-wings
2-3 Cowbirds
6-10 House Sps.
2 Song "
2 C. Wrens
4-6 Goldfinches
3 Chickadees
2 Titmice
2-3 Meadowlarks
1 Field Sp.
1 Towhee
5 TVs (together)

1 Hairy Woodpecker at Lucy Johnston's (ee). Also one Br-Thrasher & 6 Cedar Waxes

✓ 15 M. Doves together on wires at Braddock & Colchester Rds.

4-6-77 Wed. 35° - 50°
Cloudless, chilly, thinnest possible partial skim of ice on bird-bath; alternating clouds & sun - overcast 3:00 P.M. on - very briefly drizzle 3:00 P.M. - wind NNE, 5-30 mph. 5 minutes mixed snow & rain - 4:50 P.M.

1 Kingfisher
1 Thrasher
15-20 Eve. Grosbeaks
20± White-throats
3-5 White-crowns
3 Purple Finches
~~50~~ 60+ Robins
20+ Cardinals
4-6 Mockers
10 Flickers
2 Red-bellies
2 Downys
1 Yellow-r. W.
~~17~~ C. Waxwings
50-60

10-12 Doves
6-8 Crows
3-4 Jays
20+ Grackles
~~Red-bellies~~
~~Downys~~
20+ Red-wings
2-3 Cowbirds
50+ Starlings
8-10 House Sps
2 Song "
2 C. Wrens
6-8 Goldfinches
3 Chickadees

1 Woodchuck
Concorde, 5:00 P.M.

✓ 1 Junco (Bx) 2-3 Titmice
(*) 1 Sharpshin ♂ 1 Field Sp.
1 Towhee 2x ♂ 1 Chipping Sp.
2-3 Meadowlarks

4-7-77 Thurs. 26° - 52°
Frost. Almost cloudless, partially cloudy in aft.; thin ice; wind NW - W; S, SE 10-25 mph.

Away 9:35 - 12:00 noon;
1 Yellow-r.W. 10-15 Doves 5Δ
1 Thrasher (s) 5-6 Crows
15-20 Eve. Grosbeaks Δ 6 Jays 6Δ
15-20 White-throats Δ 100+ Grackles 6-10Δ
5 White-crowns Δ 20+ Red-wings 4Δ
2-4 Purple Finches Δ ♂ 50-100 Starlings
200+ Robins 8-12 House Sps. Δ
20-30 Cardinals Δ 2 Song ½Δ
4-6 Mockers 2Δ 2 C. Wrens Δ
1 Pil. Woodpecker 6 Goldfinches 6Δ

Woodchuck

4-5 Flickers Δ 3 Chickadees Δ
2 Red-bellies Δ 2-3 Titmice Δ
2 Downys Δ 1 Field Sp.
1 Towhee 2-3 Meadowlarks
30+ C. Waxwings 2-3 C. Geese
(*) 1 Blue-gr. Gnatcatcher 2 TVs
1 Junco 2x Δ 2 Cowbirds ♂ Δ

4-8-77 Fri. 26°-52°
Cool, clear, wind N, 10-25 mph., all day.

1 Thrasher Δ 10-15 Doves 5Δ
1 Towhee (s) 8-10 Crows
15-25 Eve. Grosbeaks 6 Jays
20-25 White-throats 100+ Grackles
5 White-crowns 10-15 Red-wings
4 Purple Finches 50+ Starlings

Chipmunks

100+ Robins
20-25 Cardinals
4-6 Mockers
10 Flickers
2 Red-bellies
2 Downys
✓ 1 Junco 4x Δ
✱ 1 Sharpshin 5-N 10:30
✱ 1 Red-shoulder

8-12 House Sps.
2 Song "
2 C. Wrens ✓
6-8 Goldfinches
2-4 Meadowlarks
1 Field Sp.
3-5 T Vs
2-3 Cowbirds

✓ 1 C. Wren carrying beak-full of nesting material.

4- 9-77 Sat. 28°-48°
Clear, cold, wind NW, 5-15 mph much of day; scattered high cirrus clouds late aft.

Br. Concord Chipmunk Woodchuck

3 Juncos
13 C. Waxwings
1 Thrasher
15-20 Ev. Grosbeaks
20-30 White-throats
5 white-crowns
3-5 Purple Finches
50+ Robins
20+ Cardinals
4-6 Mockers
6 Flickers
2 Red-bellies
2 Downys
1 Yellow-b. s.
1 Towhee (s)
✓ 1 Pine W. (s)

5-1
10-12 Doves
6-8 Crows
6 Jays
50-60 Grackles
20+ Red-wings
50+ Starlings
8-10 House Sps.
2 Song "
2 C. Wrens
6-8 Goldfinches
3 Chickadees
2-3 Titmice
3-4 Meadowlarks
1 Field Sps.
4 Cowbirds 6 ♀
1 Bluebird near Clayton

4-10-77 Sun. 29°-61°
Easter: Clear, cold, frost-
fairly heavy ice on bird-baths, frost.
Cloudy by 1:00 P.M.

✓ 1 Fish Crow
✓ 1 Yellow-r. W.
10-15 Eve. Grosbeaks
20+ White-throats
5 White-crowns
8-10 C. Waxwings
✓ 3-4 Purple Finches
60-70 Robins
20-25 Cardinals
4-6 Mockers
6-10 Flickers
2 Red-bellies
2 Downys
✓ 2 Thrashers (S) ✓
✓ 1 Towhee (S)

8-12 Doves
6-8 Crows
6 Jays
60-75 Grackles
10-15 Red-wings
3-4 Cowbirds
80+ Starlings
8-12 House Sps.
2 Song "
2 C. Wrens
6-8 Goldfinches
3 Chickadees
2 Juncos
2 Meadowlarks
1 Field Sp.

1 Woodchuck
1 Chipmunk

✓ 1 Ruby-cr. Kinglet(S) 1 Chipping Sp. (S)
✓ 1 Red-shoulder 8+ C-Waxwings

✓ 2 Thrashers together at bird-bath.

4-11-77 Mon. 41°-87°
Rachel leaves this morning.

Cloudless, mild; hot in aft, with a few high, hazy clouds; wind SSW, 5→20 mph. - Glorious day!

1 Bobwhite (S)
5 C. Geese (W-E)
1 Thrasher (S) Δ
15-20 Eve. Grosbeaks Δ
3 Juncos Δ
20-25 White-throats Δ (S)
5 White-crowns (S) Δ

8-12 Doves 4 Δ
6-8 Crows
6 Jays Δ
50-60 Grackles 6-8 Δ (S)
10-15 Red-wings 2-3 Δ (S)
5-6 Cowbirds (S) 2 Δ
60+ Starlings

Toads trilling!

4-6 Purple Finches (s) Δ
40-50 Robins (s)
20-25 Cardinals (s) Δ
4-6 Mockers (s) 2 Δ
8-10 Flickers (s)
2 Red-bellies 2 Δ (s)
2 Downys 2 Δ
1 Towhee (s)
(*) 2 Red-shoulders
2 Bluebirds (s)
(*) 1 Red-tail (ad.) 3:50 PM S-N
(*) 1 Red-tail {4:15 PM S-N (ad)

6-10 House Sps. Δ
2 Song " (s) Δ
2 C. Wrens (s) Δ
6-10 Goldfinches (s) Δ
3 Chickadees (s)
2-3 Titmice (s) Δ
1 Chipping Sp. (s)
2 Field Sps. (s)
2-4 Meadowlarks (s)
1 Fish Crow
2 TVs

4-12-77 Tues. 48°-86°
Clear, warm, wind W, 5-20 mph. - low humidity - just a great day -

✓ 1 Louis. Water-thrush (s)
1 Phoebe (s)
#(?) C. Geese
2 Thrashers (s)
1 Towhee (s)
15-20 Eve. Grosbeaks
1-2 Juncos
20-25 White-throats
3-5 White-crowns
60-60 Robins
20-25 Cardinals
4-6 Mockers
8-12 Flickers
2 Red-bellies
2 Downys
6 Purple Finches 4♂ 2♀
3-4 Bobwhites (s) 2♂ 1♀
2 Bluebirds at box
(*) 1 White-eyed Vireo (s) 2
(*) 1 Kestrel SW-NE

8-10 Doves
5-6 Crows
6 Jays
75-100 Grackles
10-15 Red-wings
6-8 Cowbirds
50+ Starlings
8-12 House Sps.
2 Song "
2 C. Wrens
6-8 Goldfinches
3 Chickadees
2 Titmice
2-4 Meadowlarks
1-2 Field Sps.
1 Chipping Sp.
1 Sharpshin ♂ 2X
1 Bl.-gr. Gnatcatcher
2 TVs

✓ Sharpshin here 2X, on

Woodchuck - Chipmunk
Fegan Swallowtails -

second visit, caught a bird in "triangle" - apparently a Cardinal, judging by distress calls. Flew to front fence, then into woods - prey still calling.

& White-eyed Vireo singing near pond - later all over then around house.

Great chorus of Toad-trilling

4-13-77 Wed. 50°-86°
Cloudless, mild, wind WNW, 5-30 mph (gusty) - few small, scattered clouds in aft.

✓ 2 White-eyed Vireos (S) allday 10-15 Doves
✓ 1 Ruby-cr. Kinglet (S) 6-10 Crows
2 Thrashers (S) 6 Jays
1 Towhee (S) 75-100 Grackles
(*) 1 Sharp-shinned Hawk 10-15 Red-wings

Woodchuck
Chipmunk

50+ Robins (S) 5-6 Cowbirds (S)
20-25 Cardinals (S) 50-60 Starlings
4-6 Mockers (S) 8-10 House Sps.
10-12 Finches (S) 2 Song " (S)
2 Red-bellies (S) 2 C. Wrens (S)
2 Downys 4 Goldfinches (S)
20-25 White-throats (S) 3 Chickadees (S)
3-5 White-crowns (S) 2 Titmice (S)
3-4 Purple Finches (S) 2-3 Meadowlarks (S)
✓ 1 Junco (1-3x) (S) 1 Field Sp. (S)
(*) 1 Red-shoulder / Chipping Sp. (S)
2 Bluebirds (S) ✓ 1 Louis. Waterthrush (S)
1 Pil. Woodpecker 1 Bobwhite (S)
(*) 1 Sharpshin ♀ SW-NE 9:10 A.M. (*) 1 Broadwing SW-NE 1:55 P.M.
3 Rough-winged Swallows High SW-N 4:20 1 TV (1-5x)
(*) 1 Kestrel SW-NE 4:50 PM. ✓ 1 Yellow-r. W.

4-14-77 Thurs. 56° - 77°
Light clouds; wind NNE to N, 5-30 mph, gusty - great day

Woodchuck 1st. Dragonfly
Chipmunk

✓1 Gr. Horned Owl (c)
2 Thrashers ✓3
2 Bobwhites
15-20 Eve. Grosbeaks (to 3:30 1 at 4:45 2 at 5:00)
20-30 White-throats
4 White-crowns (4 ad.)
80-90 ~~60-75~~ Purple Finches ✓
40-50 Robins
20-25 Cardinals
4-6 Mockers
31 Flickers
2 Red-bellies
2 Downys
1 Louis Water-thrush
1 Junco
(*) 1 Red-shoulder (local)
1 White-eyed Vireo
* 1 Parula W. (s) ✓
(*) 1 Red-shoulder {S-N 12:55
* 1 Brown Creeper 1:33
1 Pil. Woodpecker

10-15 Doves
8-10 Crows
6-10 Jays
50-75 Grackles
15-25 Red-wings
10-12 Cowbirds
50+ Starlings
8-10 House Sps.
2 Song "
2 C. Wrens
6 Goldfinches
3 Chickadees
2 Titmice
1 Field Sp.
1 Chipping Sp.
6 Meadowlarks
✓ 1 Pine W. (s)
2 Bluebirds
(*) 1 Cooper's {S-N 12:55
1 TV
1 Towhee

✓ 1-2 P. Finches at feeders - several singing about yard all afternoon, then about 4:45 two flocks of 60-75 flew over, low, NW. * more later
✓2 Parula W. singing in trees by parking space for few minutes.
✓3 about 5:00 P.M., Thrashers carrying nest material into honeysuckle by nearest power pole.

4-15-77 Fri. 46°-68°
Cloudless, cool, wind NE, 5-20 mph — few wispy clouds late aft.

Away 8:50-11:50 A.M. —
✓ 1-2 Juncos
15-20 Eve. Grosbeaks
20-25 White-throats
3-4 White-crowns

10-12 Doves
6-8 Crows
10-12 Jays
50+ Grackles

2-3 Purple Finches
✓ 1 White-eyed Vireo (s)
2 Thrashers
1-2 Towhees
20-30 Robins
20-25 Cardinals
4-6 Mockers
8-10 Flickers
2 Red-bellies
2 Downys
(*) 1 Red-shoulder 2X
~~1 White-eyed Vireo (s)~~

10-15 Red-wings
6-8 Cowbirds
50+ Starlings
8-10 House Sps.
2 Song "
2 C. Wrens
6-8 Goldfinches
3 Chickadees
2 Titmice
4-5 Meadowlarks
1-2 Field Sp.
1 Chipping "

39 sp.

4-16-77 Sat. 38° - 70°
Cloudless to midafternoon - then high, wispy clouds; wind NNE, 5-20 mph. Glorious day!

Away 6:50 A.M. - 3:00 P.M. -
Bull Run Park + Lions' Pancake Day

✓ 3-4(?) C. Geese (c)
✓ 1 White-eyed Vireo (s)
✓ 1 Pine W (s)
15-20 Eve. Grosbeaks
20-25 White-throats (s)
3-4 White-crowns (s)
8-10(?) Purple Finches (4 together) (s)
2 Thrashers (s)
30-40 Robins (s)
20-25 Cardinals (s)
4-6 Mockers ↓ (s)
35-40 Flickers
2 Red-bellies (s)
2 Downys ~~3-4X~~
2 Juncos 3-4X (s)
(*) 1 Red-shoulder
1 Towhee (s)
✓ 1 Parula W. (s)
1 Bluebird ♂
1 Killdeer

8-12 Doves (s)
6-8 Crows
10-15 Jays
50+ Grackles (s)
10-15 Red-wings (s)
4-5 Cowbirds (s)
50+ Starlings (s)
6-10 House Sps.
2 Song " (s)
2 C. Wrens (s)
6 Goldfinches (s)
3 Chickadees (s)
2 Titmice (s)
3-4 Meadowlarks (s)
1 Field Sp. (s)
2 Chipping Sps. (s)
✓ 1 Ruby-cr. Kinglet (s)
1 Blue-gr. Gnatcatcher (s)
✓ 2 Yellow-r. Ws (s)

✓ In afternoon, there appeared to be a fledgling mockingbird on front lawn — 3/4" long tail, much down showing — but no yellow gape, and not giving usual "hunger call" of young mocker — perhaps adult that, had been attacked, losing tail + getting feathers ruffled up.

4-17-77 Sun. 46°-71°
Occ. high, thin cirrus clouds; wind NNE, 5-15 mph. Very low humidity again — a glorious day!

✓ 1 Gr. Horned Owl 10-15 Doves
✓ 1 Blue-gr. Gnatcatcher 6-8 Crows
15-20 Eve. Grosbeaks 30-40 Jays
20-25 White-throats 50+ Grackles
3-4 White Crowns 10-12 Red-wings

Woodchuck Fr. Concorde

20-30 Purple Finches 3-4 Cowbirds
20-30 Robins 50+ Starlings
20-25 Cardinals 8-10 House Sps.
4-6 Mockers 2 Song "
1 Bobwhite 2 C. Wrens
30-40 Flickers 4-6 Goldfinches
2 Red-bellies 3 Chickadees
2 Downys 2 Titmice
✓ 2 Thrashers 3-4 Meadowlarks
✱ 1 Red-shoulder 2 Field Sps.
✓ 1 White-eyed Vireo 2 Chipping Sps.
✓ 1 Towhee ♂ Δ ✓ 2 Phoebes (1S) ✓
✓ 2 Yellow-r. Ws. ✓ 2 Juncos
✗ 1 Osprey {S-N 5:45 PM ? House Wren
(40 mp)

4-18-77 Mon. 46°-75°
Cloudless to mid-aft., then increasingly cloudy; wind N, 5-15 mph.

Woodchuck in yard
Rabbit - Squirrels - Toads

10-15 Yellow-r. Ws. (s)
2 Thrashers
(*) 1 Red-shoulder
2 Bobwhites
12-15 Eve. Grosbeaks
20-30 White-throats
3-4 White-crowns
6-10 Purple Finches
30+ Robins
20-25 Cardinals
4-6 Mockers
30-40 Flickers
2 Red-bellies
2 Downys
✓ 1 Fish Crow
✓ 1 White-eyed Vireo
1 Tow hee
✓ 1 Louis. Water-thrush
1 Pily Woodpecker
✓ 1 Junco

10-15 Doves
8-10 Crows
15-20 Jays
50+ Grackles
8-10 Red-wings
2-3 Cowbirds
50+ Starlings
8-10 House Spo.
2 Song "
2 C. Wrens
4-6 Goldfinches
3 Chickadees
2 ~~Titmice~~ Titmice
3-4 Meadowlarks
1 Field Sp.
2 Chipping Spo
1 House Wren (s)
(*) 1 Kestrel
(*) 1 Parula W.
(*) Whip-poor-will (s)
9:30 P.M.

4-19-77 Tues 54°-78°
Overcast to about 7:30-
then scattered clouds, +
overcast again late aft -
wind variable, 5-10 mph.

2-3 Bobwhites (2s)
10-15 Yellow-r. Ws (s)
✓ 1 Louis. Water-thrush (s)
✓ 1 House Wren (s)
12-15 Eve. Grosbeaks Δ
20-25 White-throats (s) Δ
4-5 White-crowns (s) Δ
2 Towhees (1s) 2Δ
2 Thrashers (1s) Δ
30-40 Robins (s)
20-25 Cardinals (s) Δ
4-6 Mockers (s)
✓ 1 White-eyed Vireo (s)
30-35 Flickers
2 Red-bellies Δ
10-15 Doves (5) (4-5Δ)
6-8 Crows
15-20 Jays Δ
100+ Grackles (4) Δ
10-15 Red-wings (5) Δ
4-5 Cowbirds 2Δ (5)
50+ Starlings
8-10 House Spo. Δ
2 Song " (s) Δ
2 C. Wrens (s)
6-8 Goldfinches (s) Δ
2-3 Chickadees 5Δ
2 Titmice (s) Δ
3-4 Meadowlarks (s)
2 Field Spo. (s)

2 Downys 4 2 Chipping Sp. (5)
2 Bluebirds (5) 1 Killdeen
1 Ruby-cr. 1 Kingbird 2 Barn Swallows 12:35
1 Pil. Woodpecker 1 Kestrel

With small bird in talons -
5:15 P.M.

One Whip-poor-will calling near Ken Harris' home -

4-20-77 Wed.
Overcast -

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